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PATENT TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: Gallo et al.

Serial No.: 09/677,152

Date Filed: October 2, 2000

Title: THERAPEUTIC FRACTIONS OF
SOURCES OF hCG

Docket No.: 4115-116 DIV 4

Examiner: Not yet assigned.

Group Art Unit: Not yet assigned.

Paper No.: 3

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FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and First Class Mailed under the provisions of 37 CFR 1.8.

Lee Ann Brown

Lee Ann Brown

January 5, 2001

Date of Mailing

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) numbered IE to IQ on the attached PTO-1449.

Documents AA to IQ were previously submitted in the parent application (U.S. Patent Application No. 09/220,415); copies of such documents were previously submitted in such application.

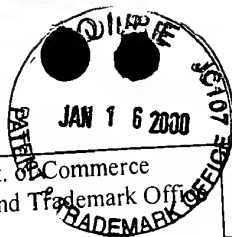
It is respectfully requested that the information listed on the attached PTO-1449 be expressly considered during the prosecution of this application, and that the reference(s) be made of record and appear among the "References Cited" on any patent to issue therefrom.



Respectfully submitted,

Steven J. Hultquist
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4115-116 DIV4

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INFORMATION DISCLOSURE STATEMENT

(use several sheets if necessary)

APPLICANT

Gallo et al.

FILING DATE

October 2, 2000

GROUP

1642

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
IE	WO 86/04241	31 Jul 1986	PCT				
IF	WO 91/16921	14 Nov 1991	PCT				

OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)

IG	Cole, L.A. "The heterogeneity of human gonadotropin (hCG). III. The occurrence and biological and immunological activities of nicked hCG," Endocrinology, 1991 Sep, 129 (3):1559-1567
IH	Cole, L.A. et al., "The biological and clinical significance of nicks in human chorionic gonadotropin and its free beta-subunit," Yale J Biol Med 1991 Nov-Dec; 64 (6):627-37
II	Cole, Laurence A. "hCG, Its Free Subunits and Its Metabolites -- Roles in Pregnancy and Trophoblastic Disease," Journal of Reproductive Medicine, 1998 Jan, 43 (1): 3-10
IJ	Creighton, 1993, <u>Proteins, Structures and Molecular Principles</u> (W.H. Freeman & Co., New York) pp.34-49
IK	Dirnhofer, S. et al., "Functional and immunological relevance of the COOH-terminal extension of human chorionic gonadotropin beta: implications for the WHO birth control vaccine," FASEB J 1993 Nov; 7(14):1381-1385
IL	Ho, H.H. et al., "Characterization of human chorionic gonadotropin peptide variants with a radio-receptor assay using recombinant human luteinizing hormone/chorionic gonadotropin receptors," Early Pregnancy 1997 Sep, 3 (3):204-12
IM	Iyer, K.S. et al., "Search for peptide immunogens of the beta-subunit of human chorionic gonadotropin (hCG) capable of eliciting hormone specific and neutralizing antisera. Identification of an undecapeptide eliciting hCG-specific antisera," Int J Pept Protein Res 1992 Feb: 39(2):137-44
IN	James, John S. "New Approaches to HIV Treatment: Interview with Robert Gallo, M.D.," Aids Treatment News, Dec 19, 1997, Issue 285, pp.1-7 (www.immunet.org)
IO	Kardana, A. et al., "Human chorionic gonadotropin beta-subunit nicking enzymes in pregnancy and cancer patient serum," J Clin Endocrinol Metab, 1994 Sep, 79 (3):761-7
IP	"Chorionic Gonadotropin," U.S. Pharmacopia (USP23)
IQ	Kobata, Akira et al., "Structure, pathology and function of the N-linked sugar chains of human chorionic gonadotropin," Biochemica et Biophysica Acta 1455 (1999) 315-326

Continue on Page _____

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.